



PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1	Application Number	10/500,560
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### Complete If Known

Filing Date	June 30, 2004
First Named Inventor	Masato Tanaka
Art Unit	1621
Examiner Name	Not Yet Assigned
Attorney Docket Number	SAE-0027

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
EP	BA	EP-0 146 374-A2	06-26-1985	Montedison S.p.A.		
EP	BB	JP-4-41449-A	02-12-1992	DAICEL CHEM IND LTD		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
EP	CA	English Translation of the International Preliminary Examination Report	
EP	CB	Schweger et al., "Heteropolyanions As Oxidation Catalysts in a 2-Phase System," Tetrahedron Letters, Vol. 29, No. 7, Pages 823-826, Pergamon Journals Ltd. (1988)	
EP	CC	Venturello, "A Convenient Catalytic Method for the Dihydroxylation of Alkenes by Hydrogen Peroxide," Synthesis, Pages 295-297 (April 1989)	
EP	CD	Corra et al., "Activity of Ti-Beta Catalyst for the Selective Oxidation of Alkenes and Alkanes," Journal of Catalysis, Vol. 145, Pages 151-158, Academic Press, Inc. (1994)	
EP	CE	Tatsumi et al., "Remarkable activity enhancement by trimethylsilylation in oxidation of alkenes and alkanes with H <sub>2</sub> O <sub>2</sub> catalyzed by titanium-containing mesoporous molecular sieves," Chem. Communications, Pages 325-326, (1998)	
EP	CF	Fraille et al., "Silica-Supported Titanium Derivatives as Catalysts for the Epoxidation of Alkenes with Hydrogen Peroxide: A New Way to Tuneable Catalytic Activity through Ligand Exchange," Journal of Catalysis, Vol. 189, Pages 40-51, Academic Press (2000)	
EP	CG	Swern et al., "Hydroxylation of Monounsaturated Fatty Materials with Hydrogen Peroxide," Journal of the American Chemical Society, Vol. 67, Pages 1786-1789 (1945)	
EP	CH	Mugdan et al., "Catalytic Hydroxylation of Unsaturated Compounds," Journal of Chemical Society, Pages 2988-2999 (1949)	
EP	CI	Luong et al., "Direct Hydroxylation of Fats and Derivatives with a Hydrogen Peroxide Tungstic Acid System," Journal of American Oil Chemical Society, Vol. 44, Pages 316-320, (May 1967)	
EP	CJ	Roebuck et al., "trans-1,2-Cyclohexanediol," Organic Syntheses Collective, Vol. 3, Pages 217-219 (1955)	

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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				Application Number	10/500,560-Conf. #5196
				Filing Date	June 30, 2004
				First Named Inventor	Masato Tanaka
				Art Unit	1621
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	SAE-0027

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
EP	AA*	US-4,286,068-A	08-25-1981	Frank Mares et al.	
EP	AB*	US-2,813,908-A	11-19-1957	David W. Young et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
EP	BA	GB-1 208 144-A	10-07-1970	RHEINPREUSSEN AKTIENGESELLSCHAFT FUER BERGBAU UND CHEMIE		✓

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EP	CA	Supplementary European Search Report Dated February 16, 2006	

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				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Masato Tanaka
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
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Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
EP	AA**	US-5,414,153	05-09-1995	MICHEL COSTANTINI	

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EP	BA	JP-10-45644-A	02-17-1998	Maruzen Petrochemical Co., Ltd.		
EP	BB	GB-1020051-A	02-16-1966	Richfield Oil Corp.		
EP	BC	EP-132783-A1	02-13-1985	FMC Corporation		

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EP	CA	International Search Report (April 14, 2003)	

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